

Title (en)
STABLE COMPOSITION OF INTERLEUKIN-2

Publication
EP 0158487 B1 19910828 (EN)

Application
EP 85302176 A 19850328

Priority
• JP 1322685 A 19850125
• JP 3718485 A 19850225
• JP 7156884 A 19840409

Abstract (en)
[origin: EP0158487A2] The present invention provides an interleukin-2 composition which comprises human serum albumin, a reducing compound or a combination thereof and is adjusted as showing pH of 3 to 6 as a solution. The composition of the present invention is characterised in that the interleukin-2 activity is lost little during storage and in the process of freezing and lyophilization

IPC 1-7
A61K 37/02

IPC 8 full level
A61K 9/00 (2006.01); **A61K 38/20** (2006.01); **A61K 47/18** (2006.01); **A61K 47/42** (2006.01); **A61K 9/19** (2006.01)

CPC (source: EP KR US)
A61K 9/0019 (2013.01 - EP US); **A61K 38/16** (2013.01 - KR); **A61K 38/2013** (2013.01 - EP US); **A61K 47/183** (2013.01 - EP US); **A61K 47/42** (2013.01 - EP US); **A61K 9/19** (2013.01 - EP US); **Y10S 435/948** (2013.01 - EP US); **Y10S 530/828** (2013.01 - EP US); **Y10S 930/141** (2013.01 - EP US)

Cited by
DE3621828A1; US4908433A; EP0268110A1; US5580577A; US4925919A; US5861150A; US6126933A; US4938956A; US5417970A; EP0373679A3; US6734164B2; EP0248516A1; AU684620B2; US4853332A; US4908434A; US4931543A; EP0366532A1; EP0215658A3; US4992271A; AU590896B2; EP0401379A4; US5078997A; US5508031A; US5667776A; US5702697A; EP0251631A1; US4832686A; EP0251001A3; US5419899A; US5614185A; US6322779B1; WO9528951A1; WO8902751A1; WO9502411A1; WO0066160A1; US6540993B1; US6270757B1; US7514403B2; FR2643557A1; BE1004168A3; US5607974A; EP0229016A3; GR900100048A; WO2007147590A3; WO9004406A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0158487 A2 19851016; EP 0158487 A3 19870819; EP 0158487 B1 19910828; AU 4083985 A 19851017; AU 579359 B2 19881124; CA 1285478 C 19910702; DE 3583880 D1 19911002; DK 148885 A 19851010; DK 148885 D0 19850402; ES 542028 A0 19851216; ES 8603271 A1 19851216; IE 58161 B1 19930728; IE 850902 L 19851009; IL 74823 A0 19850731; IL 74823 A 19890731; KR 850007378 A 19851204; KR 920005048 B1 19920626; NZ 211702 A 19881129; PH 22897 A 19890119; PT 80247 A 19850501; PT 80247 B 19871020; US 4645830 A 19870224; US 4812557 A 19890314

DOCDB simple family (application)
EP 85302176 A 19850328; AU 4083985 A 19850404; CA 478351 A 19850404; DE 3583880 T 19850328; DK 148885 A 19850402; ES 542028 A 19850408; IE 90285 A 19850410; IL 7482385 A 19850404; KR 850002345 A 19850408; NZ 21170285 A 19850404; PH 32069 A 19850329; PT 8024785 A 19850408; US 72075485 A 19850408; US 93170486 A 19861117